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DOG REV DATE 30/6/80 BY 35522

ORIG COMP 05/0 BPI 5/0 TYPE 5/0

ORIG CLASS 55-4GES 6 REV CLASS C

JUST 4EXT REV 20/0 AUTH: HB 13/2

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STEPWISE PROCEDURE AFTER ARRIVAL AT SITE

- 1. Unload generator, air pump, and unweighted sack. (Items 1, 8, and 9).
- 2. Fill sack with 15# weight, pump up generator, set in water for best filling (allow 50 to 55 minutes).
- 3. Carry remaining items to bank.
- 4. (a) Attend to uniform filling of generator.
 - (b) Set out balloon.
 - AFTER (1) generator is filled and tied off, and
 - (2) balloon is set out satisfactorily.
- 5. Add NaOH to generator stir. (Disolve NaOH in some water first).
- 6. Add 5 sacks of NaBH,. Allow 3-5 minutes between additions.
- 7. Take temperature of water.
- 8. Make up CoCl₂ solution.

Disolve in 2-gal, then make up to 5 gal.

- 9. Check system.
 - a. Dipper is NaBH2 disolved.
 - b. Potentiometer 1 thermocouple is sufficient.
- 10. Flush system with N2.
- 11. Tie balloon to generator opening.
- 12. Add CoCl2 solution.
- 13. Tie off neck of CoCl2 entry tube.
- 14. Aid catalyst distribution.
- 15. Retire from immediate area.
- 16. After 15 minutes (or less) obtain additional temperature time reading. Reaction is complete 2-3 minutes after maximum temperature is reached.
- 17. Release hydrogen.

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EXCESS WATER (10 gal)	8	75	760	877	764	100	22	47	200	125	1
	9	1/5	+	686	+	97.9	66	46	1167	64	
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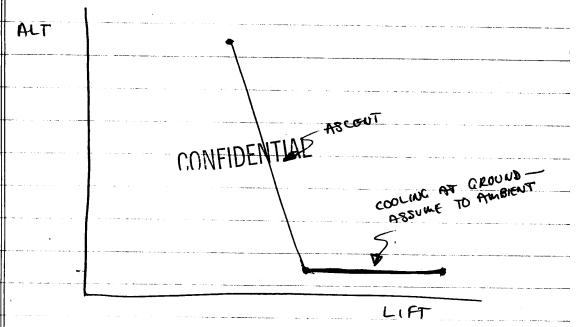
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FURTHER LOSS OF LIFT (DUE TO COOLING

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